REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER

(ER 1130-2-306)

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 DATE
 December 4, 2002

TO: The Record FROM: U.S. Army Corps of Engineers

26 Federal Plaza, ATTN: CENAN-OP-ST

New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:

Channel along NJ Pierhead Line, New York harbor

MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE	LEFT INSIDE	RIGHT INSIDE	RIGHT OUTSIDE
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)	QUARTER (feet)	QUARTER (feet)	QUARTER (feet)	QUARTER (feet)
Widening on right side of junction with NY & NJ channels	Oct 3-4 & 7-9, 2002	Irregular	19.94 acres	20	Minimum depth in this section is 20.8			
Reach A: From junction with NY & NJ channels to Bayonne MOT	Oct 3-4 & 7-9, 2002	500	0.605	20	13.5	19.7	21.1	19.2
Reach B: From MOT to Northern widening	Oct 3-4 & 7-9, 2002	500	0.864	20	4.1	17.2	17.7	13.5
Northern Widening in Reach C	Oct 3-4 & 7-9, 2002	Irregular	41.13 acres	20	Minimum depth in this section is 9.1			
Reach C: From Northern widening to the junction with the Anchorage Channel	Oct 3-4 & 7-9, 2002	500	0.859	20	7.1	7.5	7.6	8.2
Widening on left side of junction with the Anchorage Channel	Oct 3-4 & 7-9, 2002	Irregular	2.066 acres	20	Minimum depth in this section is 20.5			
Widening on right side of junction with the Anchorage Channel	Oct 3-4 & 7-9, 2002	Irregular	0.484 acres	20	Minimum depth in this section is 21.9			

REMARKS:

- All depths in MLW
- Shoaling is abundant in Reach 3 near the remains of the Caven Point Pier.